

In the Claims:

1. (Currently Amended) A self-contained foam dispensing device, comprising:
a casing configured to be hand-held;
a mixing chamber;
wherein the casing includes a port, ~~the port being adapted~~ configured to receive a plurality of ~~one or more~~ containers for a plurality of foam-forming chemicals, such that when the ~~one or more~~ containers are in the port, the ~~one or more~~ containers move with movement of the casing; ~~and~~
a flow generator located between the mixing chamber and the port including a pump mechanism for each of the chemicals ~~adapted~~ to induce flow of chemicals from the containers toward the mixing chamber;
an electric motor for operating the pump mechanisms, the flow generator being located between the mixing chamber and the port;
an actuator for the motor, the actuator having a first state engageable by a user in which the motor continuously operates and a second state during which the motor does not operate; and
a discharge nozzle coupled to the mixing chamber,
wherein the pump mechanism continuously induces flow of chemicals toward the mixing chamber when the motor operates, wherein the discharge nozzle and the mixing chamber are included in a single replaceable part, and wherein said the self contained dispensing device does not include external tubing.
- 2-4. (Canceled)
5. (Currently Amended) A device according to claim 1, wherein the ~~one or more~~ containers are comprised in ~~comprise~~ a single unit container ~~container~~ divided into a plurality of separate compartments.
6. (Previously Presented) A device according to claim 1, further including a base having one or more recesses adapted to removably receive the casing and additional containers.

7. (Previously Presented) A device according to claim 6, further including recesses in the base configured to receive containers of a plurality of different sizes, operatively connected to the base.
8. (Original) A device according to claim 1, wherein the dispensing device with the one or more full containers, weighs less than 5 kilograms.
9. (Previously Presented) A device according to claim 1, wherein a single flow generator provides suction in separate flow paths for each of the chemicals.
10. (Previously Presented) A device according to claim 9, wherein the flow generator is comprised of a set of suction gears for each flow path.
11. (Original) A device according to claim 1, wherein the flow generator pumps the chemicals out of the containers at different rates.
12. (Original) A device according to claim 1, wherein the chemicals pumped by the flow generator reach a pressure above 5 atmospheres.
13. (Previously Presented) A device according to claim 6, comprising one or more heaters adapted to heat the chemicals in the containers in the base and/or in the port.
14. (Original) A device according to claim 1, comprising one or more heaters adapted to heat the chemicals flowing from the containers.
15. (Currently Amended) A device according to claim 1, wherein the mixing chamber is detachable from ~~detachably attached to~~ the casing.
- 16-17. (Canceled)

18. (Currently Amended) A device according to claim ~~41~~1, wherein the walls of the nozzle are flexible.

19. (Currently Amended) A device according to claim ~~41~~1, wherein the nozzle is re-usable over for a plurality of separate foam generating sessions.

20. (Currently Amended) A device according to claim ~~45~~5, wherein the compartments are substantially rigid.

21. (Original) A device according to claim 1, wherein the mixing chamber is defined by flexible walls.

22. (Original) A device according to claim 1, wherein the mixing chamber is expanded by the pressure of streams of chemicals pumped from the containers.

23. (Original) A device according to claim 22, wherein the mixing chamber is expanded from a substantially zero volume when the flow generator is not operating to a larger volume, when the flow generator is operating.

24. (Canceled)

25. (Original) A device according to claim 1, comprising at least one pusher adapted to push the chemicals in the at least one container toward an exit of the container.

26-29. (Canceled)

30. (Currently Amended) A device according to claim 1, further including:
a base configured to receive for a foam dispensing device, comprising:
a niche for receiving the dispensing device; and
 a battery charger located in the base ~~adapted~~ to charge a battery of the dispensing device while the dispensing device is in the baseniche;

~~at least one compartment for receiving a container including a chemical used in generating foam by the dispensing device; and~~

~~—— a heater adapted to heat the contents of the container in the at least one compartment.~~

31-35. (Canceled)

36. (Currently Amended) A foam dispensing device according to claim 30, comprising:

~~a mixing chamber;~~

~~—— a flow generator adapted to induce flow of chemicals to the mixing chamber, the flow generator being included in a single replaceable part with the mixing chamber; and~~

wherein the a-base portion, including a motor, which base portion only includes elements that do not come in contact with the chemicals.

37. (Currently Amended) A device according to claim ~~36~~ 30, wherein the base ~~portion~~ includes a heater.

38. (Currently Amended) A device according to claim ~~36~~ 1, wherein the single replaceable part is detachable from the base portion without use of tools.

39-41. (Canceled)

42. (Currently Amended) A device according to claim 1, wherein the flow generator and the mixing chamber are comprised in the a single replaceable part with the mixing chamber and the discharge nozzle unit.

43. (Canceled)

44. (Previously Presented) A device according to claim 1, wherein the one or more containers and the port are configured so the one or more containers are inserted into

the port by pushing on the containers, and are removed from the base by pulling on the containers, without use of any tool.

45. (Previously Presented) A device according to claim 1, wherein the port includes:

a flow control valve assembly configured to be coupled to each container and to a respective flow element into which the content of the container flows toward the mixing chamber,

wherein the flow control valve prevents flow from the container when a flow element is not coupled to the valve assembly, and prevents dripping outside the flow element, when the flow element is coupled to the valve assembly.

46. (Previously Presented) A device according to claim 45, wherein each flow control valve includes a diaphragm.

47. (Previously Presented) A device according to claim 45, wherein each flow control valve includes only a single diaphragm.

48. (Previously Presented) A device according to claim 45, wherein the flow element includes a projection that is inserted into the valve to couple the flow element and the valve assembly.

49. (Currently Amended) A device according to claim—~~48~~ 46, wherein the diaphragms are closed to prevent flow of chemicals from the containers when the flow elements and the valve assemblies are not coupled.

50. (Currently Amended) A device according to claim—~~48~~ 46, wherein the diaphragms are configured to surround the projection when the flow element and the valve assembly are coupled, and are pushed into a folded position by ~~p~~a projection to open the valve.

51. (Previously Presented) A device according to claim 1, further including a table-mounted support arrangement for the casing configured to permit use of the device in a stationary mode.

52. (Canceled)

53. (Currently Amended) A device according to claim ~~52~~1, wherein the casing and the compartments are configured such that the containers are enclosed by the casing.

54. (Currently Amended) A device according to claim ~~52~~1, wherein the casing and the compartments are configured such that the containers are located outside the casing.

55. (New) A self-contained foam dispensing device, comprising:
a holder for stationary mounting of the casing;
a mixing chamber;
wherein the casing includes a port adapted to receive a plurality of containers for foam-forming chemicals, such that when the containers are within the casing;
a flow generator located between the mixing chamber and the port including a pump mechanism for each of the chemicals to induce flow of chemicals from the containers toward the mixing chamber;
an electric motor arrangement for operating the pump mechanisms;
an actuator for the motor, the actuator having a first state engagable by a user in which the motor continuously operates and a second state during which the motor does not operate; and
a discharge nozzle coupled to the mixing chamber,
wherein the pump mechanism continuously induces flow of chemicals toward the mixing chamber when the motor operates, wherein the discharge nozzle and the mixing chamber are included in a single replaceable part, and wherein the self contained dispensing device does not include external tubing.

56. (New) A device according to claim 55, wherein a single flow generator provides suction in separate flow paths for each of the chemicals.
57. (New) A device according to claim 55, comprising one or more heaters adapted to heat the chemicals flowing from the containers.
58. (New) A device according to claim 55, further including diaphragm valves in the chemical flow paths.
59. (New) A device according to claim 55, wherein the mixing chamber is expanded by the pressure of streams of chemicals pumped from the containers.
60. (New) A device according to claim 55, further including a heater for the chemicals.
61. (New) A device according to claim 55, wherein the flow generator and the mixing chamber are comprised in the replaceable part with the mixing chamber and the discharge nozzle.
62. (New) A device according to claim 55, further including:
a flow control valve assembly configured to be coupled to each container and to a respective flow element into which the content of the container flows toward the mixing chamber,
wherein the flow control valve prevents flow from the container when a flow element is not coupled to the valve assembly, and prevents dripping outside the flow element, when the flow element is coupled to the valve assembly.
63. (New) A device according to claim 1, wherein the actuator returns to its second position when released by the operator.